

Rapoport, I. A.
THE OXIDATION AND THE MECHANISM OF AC-
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Mekhanizm Delstvuya Mutagennykh Faktorov). 1962,
7p. 24 refs. PL-480 HEW.
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61-31008

Trans. of Zhurnal Obshchei Biologii (USSR) 1943, v. 4,
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DESCRIPTORS: *Radiobiology, Genetics, *Mutations,
Reproduction, X-rays, *Physiology, Iron, Ozone,
Radiation effects.

On the basis of experiments on the simultaneous action
of X-rays and of substances specifically enhancing the
physiological action of the allotropic modification of
oxygen formed in the cell, under the influence of short-
wave energy, the conclusion has been reached in this
paper that ozone is the chemical mediator of the X-ray
(Biological Sciences--Biochemistry, TT, v. 8, no. 2)

61-31008

- I. Rapoport, I. A.
- II. PL-480 HEW (61-31008)
- III. National Science Foundation,
Washington, D. C.

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Heterogeneous Factors, by J. A. Rapoport.

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CPL 480 GTS 61-31008
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The Causes of Mosaicism Associated With Heterochromatic
Chromosome Regions, by M. L. Bel'govakiy, 31 pp

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OTS 61-11476

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[26p. (2 figs. omitted) 23 refs. [CSIRO Trans.] 5478.
Order from OTS or SLA \$2.60 61-28224

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v. 11, p. 91-T03.

DESCRIPTORS: *Mammals, *Parasites, Climatic
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ments indicates that the dynamics of variations on the
number of ectoparasites and the dynamics of their
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DESCRIPTORS: *Oxidation, *Plants (Botany), Diseases,
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THE TROPHIC CHARACTERISTICS OF THE GALL
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DESCRIPTORS: *Parasitic Infections, *Nematodes,
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tion and by activating respiratory enzymes in the re-
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ucts of protein hydrolysis produced thereby. Gall for-
mation is caused by toxic substances produced as a re-
sult of the action of the nematode on the plant tissues.
These toxins may include certain amino acids.

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- I. Title: Galls (Botany)
- I. Myuge, S. G.
- II. CSIRO Trans-5679
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- II. DSIR NLL M. 3141
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DESCRIPTORS: *Embryos, Lenses, Tissues (Biology).
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lishment of its antigen structure is complete after
seven days of incubation. During this period of develop-
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finitive lens are formed. A very small amount of anti-
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TION OF BARLEY SEED, BY N. I. NUZHDIK, R. L.
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